IN THE SPECIFICATION:

Please amend paragraph [0014] as follows:

[0014] Figure 4 illustrates the use of compression groups defined with respect to an indirect node of a file; ~~and~~

Between paragraphs [0015] and [0016], please insert the following new paragraphs:

[0015.1] Figure 6 shows an example of the process of compressing data as part of the file system write process; and

[0015.2] Figure 7 shows an example of a portion of the process for performing a logical mirroring operation using the compression technique introduced herein.

Between paragraphs [0042] and [0043], please insert the following new paragraphs:

[0042.1] Figure 6 shows an example of the process of compressing data as part of the file system write process. The process begins with receiving write request (601). In response to the request, a plurality of portions of the file are identified, each including a number of consecutive blocks of uncompressed data (602). Next, a separate compression group is defined to represent each portion, so as to define a plurality of compression groups to represent the file, including defining each compression group to include a plurality of entries, wherein each of the entries is filled with a block number

that points to a corresponding one of the blocks, wherein consecutive entries in the compression group correspond to consecutive blocks in the file (603).

[0042.2] The process next determines whether each of the portions of the file is suitable for compression (604). For each portion (605), if the portion is determined to be suitable for compression, then that portion is compressed into a smaller number of consecutive blocks; and for each block which does not contain compressed data after said compressing, a predetermined block number is stored in the corresponding entry of the compression group, the predetermined block number being indicative that corresponding data is compressed and represented elsewhere in the compression group. Finally, the file is written to a non-volatile storage device (606).

Between paragraphs [0046] and [0047], please insert the following new paragraph:

[0046.1] Figure 7 shows an example of a portion of the process for performing a logical mirroring operation using the compression technique introduced herein in the manner described above. The process begins with scanning one of the compression groups to determine whether the corresponding portion of the file has been compressed (701). next, it is determined whether any block in the corresponding portion of the file has been modified since a prior mirroring event (702). If the corresponding portion of the file has been compressed and at least one block in the corresponding portion of the file has been modified since the prior mirroring event, the corresponding portion of the

file is sent in its entirety to a remote data storage system at a mirror site, to enable the remote data storage system to maintain a mirror copy of the file (703).